



**ChemPure* Brand
Chemicals**

Product Code: CP-A1909D
Lot #: 20716801CP

Certificate Of Analysis

...Pure Quality

Chemical Name: **Potassium Hydroxide**

Pellet, ACS

Chemical Formula: KOH

F.W.: 56.1100

CAS: 1310-58-3

Density: 2.120 kg/L

| Analytical Results | | |
|-----------------------------|----------------|------------|
| Item | Specifications | Analysis |
| Chloride (Cl) | 0.01% max. | <0.01% |
| Date of Manufacture | Record Actual | 05/01/2018 |
| Heavy metals (as Ag) | 0.001% max. | <0.001% |
| Iron (Fe) | 0.001% max. | <0.001% |
| Magnesium (Mg) | 0.002% max. | <0.002% |
| Nickel (Ni) | 0.001% max. | <0.001% |
| Nitrogen Compounds (as N) | 0.001% max. | <0.001% |
| Phosphate (PO4) | 5 ppm max. | <5 ppm |
| Potassium Carbonate (K2CO3) | 2.0% max. | 0.4% |
| Sodium (Na) | 0.05% max. | <0.05% |
| Sulfate (SO4) | 0.003% max. | <0.003% |
| Assay (KOH) | 85.0% min. | 88.0% |
| Calcium (Ca) | 0.005% max. | <0.005% |

Recommended Retest Date: March 24, 2023

Remarks:

It is certified that the above copy is a true copy of the actual lot analysis.

John Grubb, PhD
Quality Assurance Manager

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